Index to Volume 9

A

Activation of Tyrosine Receptor Kinase Plays a Role in Expression of Long-Term Potentiation in the Rat Dentate Gyrus . . . 519
Active Spatial Information Processing in the Septo-Hippocampal System . . . 458
Adenosine and γ-Aminobutyric Acid A Receptor Antagonists on *N*-Methyl-D-Aspartate Induced Neurotoxicity in the Rat Hippocampus, Effects of . . . 527
Age-Dependent Differences in Glutamate-Induced Phosphorylation Systems in Rat Hippocampal Slices. . . . 173
Allothetic and Idiothetic Navigation, Calibrating Space: Exploration Is Important for. . . . 659
Alzheimer Amyloid Precursor Protein, Hypoxia-Induced Loss of Synaptic Transmission Is Exacerbated in Hippocampal Slices of Transgenic Mice Expressing C-Terminal Fragments of . . . 201
AMARAL, DAVID G. *Introduction:* What is Where in the Medial Temporal Lobe?. . . . 1
Analysis of Information Transmission in the Schaffer Collaterals . . . 582
Anatomic Model of Hippocampal Encoding of Spatial Information . . . 397
ANGENSTEIN, FRANK, KLAUS BUCHNER, AND SABINE STAAK. Age-Dependent Differences in Glutamate-Induced Phosphorylation Systems in Rat Hippocampal Slices . . . 173
Attractor Neural Network Models of Spatial Maps in Hippocampus . . . 481
Automatic Activation of the Medial Temporal Lobe During Encoding: Lateralized Influences of Meaning and Novelty . 62

B

BACHEVALIER, JOCELYNE See Pascalis, Olivier. . . . 609
BANDY, DANIEL J. See Schacter, Daniel L. . . . 575
BARKHOF, FREDERIK See Rombouts, Serge A.R.B. . . . 637
Basal Dendrites in Hippocampal CA1 of Awake Rats, *N*-Methyl-D-aspartate Receptor Antagonists Are Less Effective in Blocking Long-Term Potentiation at Apical Than . . . 617
BEASON-HELD, LORI L., DOUGLAS L. ROSENE, RONALD J. KILLIANY, AND MARK B. MOSS. Hippocampal Formation Lesions Produce Memory Impairment in the Rhesus Monkey . . . 562
BERMÚDEZ-RATTONI, FEDERICO See Ramírez-Amaya, Victor . . 631
BEST, PHILLIP J. AND AARON M. WHITE. Placing Hippocampal Single-Unit Studies in a Historical Context . . . 346
Beyond Medial Temporal Lobes, Positron Emission Tomography Correlations in and . . . 71
BILKEY, DAVID K. AND UWE HEINEMANN. Intrinsic Theta-Frequency Membrane Potential Oscillations in Layer III/V Perirhinal Cortex Neurons of the Rat . . . 510
BILKEY, DAVID K. See Liu, Ping . . . 601
BLAND, BRIAN H. See Hanada, Yasuhiro. . . . 288
BLAND, BRIAN H. See Natsume, Kiyohisa . . . 500
BRAGIN, ANATOL, JEROME ENGEL, JR., CHARLES L. WILSON, ITZHAK FRIED, AND GYORGY BUZSÁKI. High-Frequency Oscillations in Human Brain . . . 137
BREWER, JAMES B. See Fernández, Guillén. . . . 35
Bridging the Gap: Integrating Cellular and Functional Magnetic Resonance Imaging Studies of the Hippocampus . . . 45
BRONZINO, JOSEPH D. See Kehoe, Priscilla . . . 651
BROOKS, BRIAN L. See Whishaw, Ian Q. . . . 659
BROOKS, DAVID J. See Kapur, Narinder . . . 247
BUCHNER, KLAUS See Angenstein, Frank . . . 173
BUZÁKI, GYORGY See Bragin, Anatol . . . 137

C

Calibrating Space: Exploration Is Important for Allothetic and Idiothetic Navigation . . . 659
CANNING, KEVIN J. AND L. STAN LEUNG. Current Source Density Analysis Does Not Reveal a Direct Projection From the Perirhinal Cortex to Septal Part of Hippocampal CA1 or Dentate Gyrus . . . 599
CANNING, KEVIN J. See Leung, L. Stan . . . 603
CASEY, MARINA See Maguire, Conor . . . 519
Changing Positions of GABA Neurons in the Developing Rat Dentate Gyrus, Evidence for . . . 186
CHAO, VINCENT See Ramírez-Amaya, Victor . . . 631
CHEN, KEWEI See Schacter, Daniel L. . . . 575
Cholinergic Innervation of Mossy Cells in the Rat Fascia Dentata . . . 314
Chronic and Intrahippocampal Infusion of the NMDA-Antagonist D-AP5, Delay-Dependent Impairment of a Matching-to-Place Task With . . . 118
Coding Place, Context, and Events, Complimentary Roles for Hippocampal Versus Subicular/Entorhinal Place Cells in . . . 432
COHEN, NEAL J., JENNIFER RYAN, CAROLINE HUNT, LORENE ROMINE, TRACEY WSZALEK, AND COURTNEY NASH. Hippocampal System and Declarative (Relational) Memory: Summarizing the Data From Functional Neuroimaging Studies. . . 83
Common Memory Retrieval Network Revealed By Positron Emission Tomography, Differential Modulation of a . . . 54
Comparison of Medial and Lateral Septal Neuron Activity During Performance of Spatial Tasks in Rats . . . 220
Comparison of the Timing of Hippocampal and Subicular Spatial Signals: Implications for Path Integration . . . 158
Complimentary Roles for Hippocampal Versus Subicular/Entorhinal Place Cells in Coding Place, Context, and Events . . . 432
Conditional Motor Learning: Mapping Antecedents to Action, Role of the Hippocampal System in . . . 101
Context, and Events, Complimentary Roles for Hippocampal Versus Subicular/Entorhinal Place Cells in Coding Place,. . 432
Control of Placle Cell Firing by Intra-Apparatus Objects, Further Study of the . . . 423
COOPER, B.G. See Mizumori, S.J.Y. . . . 444
COOPER, GARTH J.S. See Edgar, Paul F. . . . 644
COZZARI, CONSTANTINO See Deller, Thomas . . . 314
CRESSANT, ARNAUD, ROBERT U. MULLER, AND BRUNO POUCET. Further Study of the Control of Placle Cell Firing by Intra-Apparatus Objects . . . 423
CRESSANT, A. See Muller, R.U. . . . 413
C-Terminal Fragments of Alzheimer Amyloid Precursor Protein, Hypoxia-Induced Loss of Synaptic Transmission Is Exacerbated in Hippocampal Slices of Transgenic Mice Expressing . . . 201
Cued-Recall Performance: A Functional Magnetic Resonance Imaging Study With High Acquisition Rate, Level of Sustained Entorhinal Activity at Study Correlates With Subsequent . . . 35
CURRAN, TIM See Schacter, Daniel L. . . . 575

Index to Volume 9

A

Activation of Tyrosine Receptor Kinase Plays a Role in Expression of Long-Term Potentiation in the Rat Dentate Gyrus . . . 519
Active Spatial Information Processing in the Septo-Hippocampal System . . . 458
Adenosine and γ-Aminobutyric Acid A Receptor Antagonists on *N*-Methyl-D-Aspartate Induced Neurotoxicity in the Rat Hippocampus, Effects of . . . 527
Age-Dependent Differences in Glutamate-Induced Phosphorylation Systems in Rat Hippocampal Slices. . . . 173
Allothetic and Idiothetic Navigation, Calibrating Space: Exploration Is Important for. . . . 659
Alzheimer Amyloid Precursor Protein, Hypoxia-Induced Loss of Synaptic Transmission Is Exacerbated in Hippocampal Slices of Transgenic Mice Expressing C-Terminal Fragments of . . . 201
AMARAL, DAVID G. *Introduction:* What is Where in the Medial Temporal Lobe?. . . . 1
Analysis of Information Transmission in the Schaffer Collaterals . . . 582
Anatomic Model of Hippocampal Encoding of Spatial Information . . . 397
ANGENSTEIN, FRANK, KLAUS BUCHNER, AND SABINE STAAK. Age-Dependent Differences in Glutamate-Induced Phosphorylation Systems in Rat Hippocampal Slices . . . 173
Attractor Neural Network Models of Spatial Maps in Hippocampus . . . 481
Automatic Activation of the Medial Temporal Lobe During Encoding: Lateralized Influences of Meaning and Novelty . 62

B

BACHEVALIER, JOCELYNE See Pascalis, Olivier. . . . 609
BANDY, DANIEL J. See Schacter, Daniel L. . . . 575
BARKHOF, FREDERIK See Rombouts, Serge A.R.B. . . . 637
Basal Dendrites in Hippocampal CA1 of Awake Rats, *N*-Methyl-D-aspartate Receptor Antagonists Are Less Effective in Blocking Long-Term Potentiation at Apical Than . . . 617
BEASON-HELD, LORI L., DOUGLAS L. ROSENE, RONALD J. KILLIANY, AND MARK B. MOSS. Hippocampal Formation Lesions Produce Memory Impairment in the Rhesus Monkey . . . 562
BERMÚDEZ-RATTONI, FEDERICO See Ramírez-Amaya, Victor . . 631
BEST, PHILLIP J. AND AARON M. WHITE. Placing Hippocampal Single-Unit Studies in a Historical Context . . . 346
Beyond Medial Temporal Lobes, Positron Emission Tomography Correlations in and . . . 71
BILKEY, DAVID K. AND UWE HEINEMANN. Intrinsic Theta-Frequency Membrane Potential Oscillations in Layer III/V Perirhinal Cortex Neurons of the Rat . . . 510
BILKEY, DAVID K. See Liu, Ping . . . 601
BLAND, BRIAN H. See Hanada, Yasuhiro. . . . 288
BLAND, BRIAN H. See Natsume, Kiyohisa . . . 500
BRAGIN, ANATOL, JEROME ENGEL, JR., CHARLES L. WILSON, ITZHAK FRIED, AND GYORGY BUZSÁKI. High-Frequency Oscillations in Human Brain . . . 137
BREWER, JAMES B. See Fernández, Guillén. . . . 35
Bridging the Gap: Integrating Cellular and Functional Magnetic Resonance Imaging Studies of the Hippocampus . . . 45
BRONZINO, JOSEPH D. See Kehoe, Priscilla . . . 651
BROOKS, BRIAN L. See Whishaw, Ian Q. . . . 659
BROOKS, DAVID J. See Kapur, Narinder . . . 247
BUCHNER, KLAUS See Angenstein, Frank . . . 173
BUZÁKI, GYORGY See Bragin, Anatol . . . 137

C

Calibrating Space: Exploration Is Important for Allothetic and Idiothetic Navigation . . . 659
CANNING, KEVIN J. AND L. STAN LEUNG. Current Source Density Analysis Does Not Reveal a Direct Projection From the Perirhinal Cortex to Septal Part of Hippocampal CA1 or Dentate Gyrus . . . 599
CANNING, KEVIN J. See Leung, L. Stan . . . 603
CASEY, MARINA See Maguire, Conor . . . 519
Changing Positions of GABA Neurons in the Developing Rat Dentate Gyrus, Evidence for . . . 186
CHAO, VINCENT See Ramírez-Amaya, Victor . . . 631
CHEN, KEWEI See Schacter, Daniel L. . . . 575
Cholinergic Innervation of Mossy Cells in the Rat Fascia Dentata . . . 314
Chronic and Intrahippocampal Infusion of the NMDA-Antagonist D-AP5, Delay-Dependent Impairment of a Matching-to-Place Task With . . . 118
Coding Place, Context, and Events, Complimentary Roles for Hippocampal Versus Subicular/Entorhinal Place Cells in . . . 432
COHEN, NEAL J., JENNIFER RYAN, CAROLINE HUNT, LORENE ROMINE, TRACEY WSZALEK, AND COURTNEY NASH. Hippocampal System and Declarative (Relational) Memory: Summarizing the Data From Functional Neuroimaging Studies. . . 83
Common Memory Retrieval Network Revealed By Positron Emission Tomography, Differential Modulation of a . . . 54
Comparison of Medial and Lateral Septal Neuron Activity During Performance of Spatial Tasks in Rats . . . 220
Comparison of the Timing of Hippocampal and Subicular Spatial Signals: Implications for Path Integration . . . 158
Complimentary Roles for Hippocampal Versus Subicular/Entorhinal Place Cells in Coding Place, Context, and Events . . . 432
Conditional Motor Learning: Mapping Antecedents to Action, Role of the Hippocampal System in . . . 101
Context, and Events, Complimentary Roles for Hippocampal Versus Subicular/Entorhinal Place Cells in Coding Place,. . 432
Control of Placle Cell Firing by Intra-Apparatus Objects, Further Study of the . . . 423
COOPER, B.G. See Mizumori, S.J.Y. . . . 444
COOPER, GARTH J.S. See Edgar, Paul F. . . . 644
COZZARI, CONSTANTINO See Deller, Thomas . . . 314
CRESSANT, ARNAUD, ROBERT U. MULLER, AND BRUNO POUCET. Further Study of the Control of Placle Cell Firing by Intra-Apparatus Objects . . . 423
CRESSANT, A. See Muller, R.U. . . . 413
C-Terminal Fragments of Alzheimer Amyloid Precursor Protein, Hypoxia-Induced Loss of Synaptic Transmission Is Exacerbated in Hippocampal Slices of Transgenic Mice Expressing . . . 201
Cued-Recall Performance: A Functional Magnetic Resonance Imaging Study With High Acquisition Rate, Level of Sustained Entorhinal Activity at Study Correlates With Subsequent . . . 35
CURRAN, TIM See Schacter, Daniel L. . . . 575

Current Source Density Analysis Does Not Reveal a Direct Projection From the Perirhinal Cortex to Septal Part of Hippocampal CA1 or Dentate Gyrus 599

D

Damage Limited to the Hippocampal Region, Impaired Recognition Memory on the Doors and People Test After . . . 495
DAVIDSON, ARIANE See Eilam, Raya 534
DEADWYLER, SAM A. AND ROBERT E. HAMPSON. Anatomic Model of Hippocampal Encoding of Spatial Information . . . 397
Declarative (Relational) Memory: Summarizing the Data From Functional Neuroimaging Studies, Hippocampal System and 83
Delay-Dependent Impairment of a Matching-to-Place Task With Chronic and Intrahippocampal Infusion of the NMDA-Antagonist D-AP5 118
Delayed Nonmatching-to-Sample Task, Neonatal Aspiration Lesions of the Hippocampal Formation Impair Visual Recognition Memory When Assessed by Paired-Comparison Task but Not by 609
DELLER, THOMAS, ISTVAN KATONA, CONSTANTINO COZZARI, MICHAEL FROTSCHER, AND TAMÁS F. FREUND. Cholinergic Innervation of Mossy Cells in the Rat Fascia Dentata 314
Dentate Gyrus, Current Source Density Analysis Does Not Reveal a Direct Projection From the Perirhinal Cortex to Septal Part of Hippocampal CA1 or 599
Dentate Gyrus Field Potentials in Awake and Anesthetized Rats, Instability of 333
Dentate Gyrus of Anesthetized Rats: Stability of Baseline, Field Potential Recordings in 277
Dentate Gyrus, Perirhinal Cortex Does Not Project to the . . . 605
Dentate Gyrus-Selective Colchicine Lesion and Disruption of Performance in Spatial Tasks: Difficulties in "Place Strategy" Because of a Lack of Flexibility in the Use of Environmental Cues? 668
Developing Rat Dentate Gyrus, Evidence for Changing Positions of GABA Neurons in the 186
DIAMOND, DAVID M., COLLIN R. PARK, KAREN L. HEMAN, AND GREGORY M. ROSE. Exposing Rats to a Predator Impairs Spatial Working Memory in the Radial Arm Water Maze . . 542
Differential Modulation of a Common Memory Retrieval Network Revealed By Positron Emission Tomography 54
Discrete Bilateral Hippocampal Pathology, Temporally-Specific Retrograde Amnesia in Two Cases of 247
Disruption of Performance in Spatial Tasks: Difficulties in "Place Strategy" Because of a Lack of Flexibility in the Use of Environmental Cues?, Dentate Gyrus-Selective Colchicine Lesion and 668
DISTERHOFT, JOHN F. See McEchron, Matthew D. 385
Distribution and Analysis of Hippocampal Theta-Related Cells in the Pontine Region of the Urethane-Anesthetized Rat 288
Do Hippocampal Pyramidal Cells Signal Non-Spatial as Well as Spatial Information? 352
DOLAN, R.J. AND P.F. FLETCHER. Encoding and Retrieval in Human Medial Temporal Lobes: An Empirical Investigation Using Functional Magnetic Resonance Imaging (fMRI) 25
Doors and People Test After Damage Limited to the Hippocampal Region, Impaired Recognition Memory on the 495
DOUGLAS, JUDITH E. See Edgar, Paul F. 644
DUPUY-DAVIES, SHANNON AND CAROLYN R. HOUSER. Evidence for Changing Positions of GABA Neurons in the Developing Rat Dentate Gyrus 186
Dynorphin B-Like Immunoreactivity in the Rat Hippocampal Mossy Fiber Pathway Before and After Seizures, Morphometry of Peptidergic Transmitter System 255

E

EDGAR, PAUL F., JUDITH E. DOUGLAS, CATRIONA KNIGHT, GARTH J.S. COOPER, RICHARD L.M. FAULL, AND ROBB KYDD. Proteome Map of the Human Hippocampus 644
Effects of Adenosine and γ-Aminobutyric Acid A Receptor Antagonists on *N*-Methyl-D-Aspartate Induced Neurotoxicity in the Rat Hippocampus 527
EICHENBAUM, HOWARD. Progress in Spanning the Molecular and Behavioral Mechanisms of Hippocampal Function 100
EICHENBAUM, HOWARD See Nadel, Lynn 341
EICHENBAUM, HOWARD See Shapiro, Matthew L. 365
EILAM, RAYA, ARIANE DAVIDSON, ILLANA GOZES, AND MENAHEM SEGAL. Locomotor Activity Causes a Rapid Up-regulation of Vasoactive Intestinal Peptide in the Rat Hippocampus . . 534
Encoding and Retrieval in Human Medial Temporal Lobes: An Empirical Investigation Using Functional Magnetic Resonance Imaging (fMRI) 25
Encoding: Lateralized Influences of Meaning and Novelty, Automatic Activation of the Medial Temporal Lobe During 62
ENGEL, JEROME JR. See Bragin, Anatol 137
Episodic Encoding and Retrieval: A PET Study, Medial Temporal Lobe Activation During 575
Episodic Encoding and Retrieval, Medial Temporal Lobe Activations in fMRI and PET Studies of 7
ESCOBAR, MARTHA L. See Ramírez-Amaya, Victor. 631
Events, Complimentary Roles for Hippocampal Versus Subicular/Entorhinal Place Cells in Coding Place, Context, and 432
Evidence for Changing Positions of GABA Neurons in the Developing Rat Dentate Gyrus 186
Experience-Dependent Regulation of Adult Hippocampal Neurogenesis: Effects of Long-Term Stimulation and Stimulus Withdrawal 321
Exposing Rats to a Predator Impairs Spatial Working Memory in the Radial Arm Water Maze 542
Expression of Long-Term Potentiation in the Rat Dentate Gyrus, Activation of Tyrosine Receptor Kinase Plays a Role in 519

F

FAULL, RICHARD L.M. See Edgar, Paul F. 644
FENTON, A.A. See Muller, R.U. 413
FERNÁNDEZ, GUILLÉN, JAMES B. BREWER, ZUO ZHAO, GARY H. GLOVER, AND JOHN D.E. GABRIELI. Level of Sustained Entorhinal Activity at Study Correlates With Subsequent Cued-Recall Performance: A Functional Magnetic Resonance Imaging Study With High Acquisition Rate 35
Field Potential Recordings in Dentate Gyrus of Anesthetized Rats: Stability of Baseline 277
FLETCHER, P.F. See Dolan, R.J. 25
fMRI and PET Studies of Episodic Encoding and Retrieval, Medial Temporal Lobe Activations in 7
Frequency-Dependent Inhibition in the Dentate Gyrus Is Attenuated by the NMDA Receptor Blocker MK-801 at Doses That Do Not Yet Affect Long-Term Potentiation 491
FREUND, TAMÁS F. See Deller, Thomas 314
FRIED, ITZHAK See Bragin, Anatol 137
FROST, JENNIFER T. See Schacter, Daniel L. 575
FROTSCHER, MICHAEL See Deller, Thomas. 314
Functional Magnetic Resonance Imaging (fMRI), Encoding and Retrieval in Human Medial Temporal Lobes: An Empirical Investigation Using 25
Functional Magnetic Resonance Imaging Study With High Acquisition Rate, Level of Sustained Entorhinal Activity at Study Correlates With Subsequent Cued-Recall Performance: A 35
Functional Neuroimaging Studies, Hippocampal System and Declarative (Relational) Memory: Summarizing the Data From 83
Further Study of the Control of Placle Cell Firing by Intra-Apparatus Objects 423

G

GABRIELI, JOHN D.E. See Fernández, Guillén 35

GAGE, FRED H. See Kempermann, Gerd 321
GALLAGHER, MICHELA See Holland, Peter C. 143
Gary M. Peterson (1951–1998) 99
GEORGES-FRANÇOIS, PIERRE See Robertson, Robert G. 206
GHRIBI, OTHMAN, LUC LAPIERRE, MARTINE GIRARD, MAURICE OHAYON, JOSEPHINE NALBANTOGLU, AND GUY MASSICOTTE. Hypoxia-Induced Loss of Synaptic Transmission Is Exacerbated in Hippocampal Slices of Transgenic Mice Expressing C-Terminal Fragments of Alzheimer Amyloid Precursor Protein 201
GILBERT, M.E. AND C.M. MACK. Field Potential Recordings in Dentate Gyrus of Anesthetized Rats: Stability of Baseline . 227
GIRARD, MARTINE See Ghribi, Othman 201
GLOVER, GARY H. See Fernández, Guillén 35
Glutamate-Induced Phosphorylation Systems in Rat Hippocampal Slices, Age-Dependent Differences in 173
GOZES, ILLANA See Eilam, Raya 534

H

HABIB, REZA See Tulving, Endel 71
HALLWORTH, NICHOLAS E. See Hanada, Yasuhiro 288
HALLWORTH, NICHOLAS E. See Natsume, Kiyohisa 500
HAMANI, CLEMENT, FRANK TENÓRIO, ROSALIA MENDEZ-OTERO, AND LUIZ ENGÊNIO A.M. MELLO. Loss of NADPH Diaphorase-Positive Neurons in the Hippocampal Formation of Chronic Pilocarpine-Epileptic Rats 303
HAMPSON, ROBERT E. See Deadwyler, Sam A. 397
HAN, JUNG-SOO See Holland, Peter C. 143
HANADA, YASUHIRO, NICHOLAS E. HALLWORTH, TINA L. SZGATTI, DARREN SCARLETT, AND BRIAN H. BLAND. Distribution and Analysis of Hippocampal Theta-Related Cells in the Pontine Region of the Urethane-Anesthetized Rat 288
HASSELMO, MICHAEL E. See Stern, Chantal E. 45
Head Direction Cells in the Primate Pre-Subiculum 206
HEINEMANN, UWE See Bilkey, David K. 510
HEMAN, KAREN L. See Diamond, David M. 542
High-Frequency Oscillations in Human Brain 137
Hippocampal CA1 of Awake Rats, *N*-Methyl-D-aspartate Receptor Antagonists Are Less Effective in Blocking Long-Term Potentiation at Apical Than Basal Dendrites in 617
Hippocampal Encoding of Non-Spatial Trace Conditioning . . 385
Hippocampal Formation Lesions Produce Memory Impairment in the Rhesus Monkey 562
Hippocampal Formation of Chronic Pilocarpine-Epileptic Rats, Loss of NADPH Diaphorase-Positive Neurons in the 303
Hippocampal Function, Progress in Spanning the Molecular and Behavioral Mechanisms of 100
Hippocampal Lesions Interfere With Pavlovian Negative Occasion Setting 143
Hippocampal Neurons, Hippocampus as a Memory Map: Synaptic Plasticity and Memory Encoding by 365
Hippocampal Place Cells Can Develop Distinct Representations of Two Visually Identical Environments 235
Hippocampal Pyramidal Cells Signal Non-Spatial as Well as Spatial Information?, Do 352
Hippocampal Representational Organization and Spatial Context 444
Hippocampal Single-Unit Studies in a Historical Context, Placing 346
Hippocampal Slices of Transgenic Mice Expressing C-Terminal Fragments of Alzheimer Amyloid Precursor Protein, Hypoxia-Induced Loss of Synaptic Transmission Is Exacerbated in 201
Hippocampal System and Declarative (Relational) Memory: Summarizing the Data From Functional Neuroimaging Studies 83
Hippocampal System in Conditional Motor Learning: Mapping Antecedents to Action, Role of the 101
Hippocampal Theta-Related Cells in the Pontine Region of the Urethane-Anesthetized Rat, Distribution and Analysis of 288
Hippocampal Theta-Related Cellular Activity in the Superior Colliculus of the Urethane-Anesthetized Rat 500
Hippocampal Versus Subicular/Entorhinal Place Cells in Coding Place, Context, and Events, Complimentary Roles for 432
Hippocampectomized Rats Are Impaired in Homing by Path Integration 553
Hippocampus as a Memory Map: Synaptic Plasticity and Memory Encoding by Hippocampal Neurons 365
Hippocampus of the Rat Part of a Specialized Navigational System?, Is the 413
HOLLAND, PETER C., JEFFREY A. LAMOUREUX, JUNG-SOO HAN, AND MICHELA GALLAGHER. Hippocampal Lesions Interfere With Pavlovian Negative Occasion Setting 143
Homing by Path Integration, Hippocampectomized Rats Are Impaired in 553
HOOGENRAAD, FRANK G.C. See Rombouts, Serge A.R.B. 637
HOUSER, CAROLYN R. See Dupuy-Davies, Shannon 186
Human Brain, High-Frequency Oscillations in 137
Human Medial Temporal Lobe, Parametric fMRI Analysis of Visual Encoding in the 637
Human Medial Temporal Lobes: An Empirical Investigation Using Functional Magnetic Resonance Imaging (fMRI), Encoding and Retrieval in 25
HUNT, CAROLINE See Cohen, Neal J. 83
Hypoxia-Induced Loss of Synaptic Transmission Is Exacerbated in Hippocampal Slices of Transgenic Mice Expressing C-Terminal Fragments of Alzheimer Amyloid Precursor Protein 201

I

Impaired Recognition Memory on the Doors and People Test After Damage Limited to the Hippocampal Region 495
Information Transmission in the Schaffer Collaterals, Analysis of 582
Instability of Dentate Gyrus Field Potentials in Awake and Anesthetized Rats 333
Integrating Cellular and Functional Magnetic Resonance Imaging Studies of the Hippocampus, Bridging the Gap . . . 45
Interpreting Neural Representations of Aged Animals 607
Intra-Apparatus Objects, Further Study of the Control of Placle Cell Firing by 423
Intrinsic Theta-Frequency Membrane Potential Oscillations in Layer III/V Perirhinal Cortex Neurons of the Rat 510
Introduction to the Special Issue on Place Cells 341
Introduction: What is Where in the Medial Temporal Lobe? . 1
Is the Hippocampus of the Rat Part of a Specialized Navigational System? 413

J

JARRARD, LEONARD E. See Maaswinkel, Hans 553

K

KAPUR, NARINDER AND DAVID J. BROOKS. Temporally-Specific Retrograde Amnesia in Two Cases of Discrete Bilateral Hippocampal Pathology 247
KATONA, ISTVAN See Deller, Thomas 314
KEHOE, PRISCILLA AND JOSEPH D. BRONZINO. Neonatal Stress Alters LTP in Freely Moving Male and Female Adult Rats 651
KELLY, AINE See Maguire, Conor 519
KEMPERMANN, GERD AND FRED H. GAGE. Experience-Dependent Regulation of Adult Hippocampal Neurogenesis: Effects of Long-Term Stimulation and Stimulus Withdrawal 321
KILLIANY, RONALD J. See Beason-Held, Lori L. 562
KNIGHT, CATRIONA See Edgar, Paul F. 644
KURIWAKI, JUNICHI See Zhou, Tian Lu 220

KURUCZ, OLIVER S. See Pierce, Joseph P. 255
KYDD, ROBB See Edgar, Paul F. 644

L

LAMOUREUX, JEFFREY A. See Holland, Peter C. 143
LANFORD, GEORGE W. See McGinty, Jacqueline F. 99
LAPIERRE, LUC See Ghribi, Othman 201
Layer III/V Perirhinal Cortex Neurons of the Rat, Intrinsic Theta-Frequency Membrane Potential Oscillations in 510
LEPAGE, MARTIN See Tulving, Endel. 71
Lesions Produce Memory Impairment in the Rhesus Monkey, Hippocampal Formation 562
LEUNG, L. STAN AND BIXIA SHEN. *N*-Methyl-D-aspartate Receptor Antagonists Are Less Effective in Blocking Long-Term Potentiation at Apical Than Basal Dendrites in Hippocampal CA1 of Awake Rats 617
LEUNG, L. STAN AND KEVIN J. CANNING. Reply to Liu and Bilkey's Reply 603
LEUNG, L. STAN See Canning, Kevin J. 599
LEUTGEB, S. See Mizumori, S.J.Y. 444, 607
Level of Sustained Entorhinal Activity at Study Correlates With Subsequent Cued-Recall Performance: A Functional Magnetic Resonance Imaging Study With High Acquisition Rate 35
LIU, PING AND DAVID K. BILKEY. A Reply 601
Locomotor Activity Causes a Rapid Up-regulation of Vasoactive Intestinal Peptide in the Rat Hippocampus 534
Long-Term Potentiation at Apical Than Basal Dendrites in Hippocampal CA1 of Awake Rats, *N*-Methyl-D-aspartate Receptor Antagonists Are Less Effective in Blocking. 617
Long-Term Stimulation and Stimulus Withdrawal, Experience-Dependent Regulation of Adult Hippocampal Neurogenesis: Effects of 321
LOPES DA SILVA, FERNANDO See Witter, Menno P. 605
Loss of NADPH Diaphorase-Positive Neurons in the Hippocampal Formation of Chronic Pilocarpine-Epileptic Rats . . 303
LYNCH, MARINA A. See Maguire, Conor. 519

M

MAASWINKEL, HANS, LEONARD E. JARRARD, AND IAN Q. WHISHAW. Hippocampectomized Rats Are Impaired in Homing by Path Integration. 553
MACHIELSEN, WILLEM C.M. See Rombouts, Serge A.R.B. 637
MACK, C.M. See Gilbert, M.E. 277
MAGUIRE, CONOR, MARINA CASEY, AINE KELLY, PATRICIA M. MULLANY, AND MARINA A. LYNCH. Activation of Tyrosine Receptor Kinase Plays a Role in Expression of Long-Term Potentiation in the Rat Dentate Gyrus 519
MAGUIRE, ELEANOR A. AND CATHERINE J. MUMMERY. Differential Modulation of a Common Memory Retrieval Network Revealed By Positron Emission Tomography 54
MAHY, NICOLE See Robledo, Patricia 527
MANNS, JOSEPH R. AND LARRY R. SQUIRE. Impaired Recognition Memory on the Doors and People Test After Damage Limited to the Hippocampal Region 495
Mapping Antecedents to Action, Role of the Hippocampal System in Conditional Motor Learning: 101
MAROUN, MOUNA See Rosenblum, Kobi 491
MARTIN, ALEX. Automatic Activation of the Medial Temporal Lobe During Encoding: Lateralized Influences of Meaning and Novelty 62
MASSICOTTE, GUY See Ghribi, Othman. 201
Matching-to-Place Task With Chronic and Intrahippocampal Infusion of the NMDA-Antagonist D-AP5, Delay-Dependent Impairment of a 118
MCECHRON, MATTHEW D. AND JOHN F. DISTERHOFT. Hippocampal Encoding of Non-Spatial Trace Conditioning. 385
MCGINTY, JACQUELINE F., OLGA TIMOFEEVA, GEORGE W. LANFORD, AND CHARLES E. RIBAK. Gary M. Peterson (1951–1998). 99
MCINTOSH, ANTHONY R. See Tulving, Endel 71
Meaning and Novelty, Automatic Activation of the Medial Temporal Lobe During Encoding: Lateralized Influences of. 62
Medial and Lateral Septal Neuron Activity During Performance of Spatial Tasks in Rats, Comparison of. 220
Medial Temporal Lobe Activation During Episodic Encoding and Retrieval: A PET Study 575
Medial Temporal Lobe Activations in fMRI and PET Studies of Episodic Encoding and Retrieval. 7
Medial Temporal Lobe During Encoding: Lateralized Influences of Meaning and Novelty, Automatic Activation of the 62
Medial Temporal Lobe, *Introduction:* What is Where in the? 1
MELLO, LUIZ ENGÊNIO A.M. See Hamani, Clement 303
Memory Encoding by Hippocampal Neurons, Hippocampus as a Memory Map: Synaptic Plasticity and 365
Memory Impairment in the Rhesus Monkey, Hippocampal Formation Lesions Produce. 562
MENDEZ-OTERO, ROSALIA See Hamani, Clement. 303
MILGRAM, NORTON W. See Rick, John Th. 333
MILNER, TERESA A. See Pierce, Joseph P. 255
MIZUMORI, S.J.Y. AND S. LEUTGEB. Interpreting Neural Representations of Aged Animals. 607
MIZUMORI, S.J.Y., K.E. RAGOZZINO, B.G. COOPER, AND S. LEUTGEB. Hippocampal Representational Organization and Spatial Context. 444
Model of Hippocampal Encoding of Spatial Information, Anatomic 397
Morphometry of Peptidergic Transmitter System: Dynorphin B-Like Immunoreactivity in the Rat Hippocampal Mossy Fiber Pathway Before and After Seizures. 255
MORRIS, R.G.M. See Steele, R.J. 118
MOSS, MARK B. See Beason-Held, Lori L. 562
MULLANY, PATRICIA M. See Maguire, Conor 519
MULLER, ROBERT U. See Cressant, Arnaud. 423
MULLER, R.U., B. POUCET, A.A. FENTON, AND A. CRESSANT. Is the Hippocampus of the Rat Part of a Specialized Navigational System? 413
MUMMERY, CATHERINE J. See Maguire, Eleanor A. 54
MURRAY, ELISABETH A. See Wise, Stephen P. 101

N

NABER, PIETERKE A. See Witter, Menno P. 605
NADEL, LYNN AND HOWARD EICHENBAUM. Introduction to the Special Issue on Place Cells 341
NADPH Diaphorase-Positive Neurons in the Hippocampal Formation of Chronic Pilocarpine-Epileptic Rats, Loss of . . 303
NALBANTOGLU, JOSEPHINE See Ghribi, Othman 201
NASH, COURTNEY See Cohen, Neal J. 83
NATSUME, KIYOHISA, NICHOLAS E. HALLWORTH, TINA L. SZGATTI, AND BRIAN H. BLAND. Hippocampal Theta-Related Cellular Activity in the Superior Colliculus of the Urethane-Anesthetized Rat 500
"Nature of Hippocampal-Cortical Interaction: Theoretical and Experimental Perspectives," Trinity College, Dublin, March 30 and 31, 2000. 490
Neonatal Aspiration Lesions of the Hippocampal Formation Impair Visual Recognition Memory When Assessed by Paired-Comparison Task but Not by Delayed Nonmatching-to-Sample Task. 609
Neonatal Stress Alters LTP in Freely Moving Male and Female Adult Rats 651
Neural Representations of Aged Animals, Interpreting 607
NISHIJO, HISAO See Ono, Taketoshi 458
NMDA Receptor Blocker MK-801 at Doses That Do Not Yet Affect Long-Term Potentiation, Frequency-Dependent Inhibition in the Dentate Gyrus Is Attenuated by the 491
Non-Spatial Trace Conditioning, Hippocampal Encoding of . 385

N-Methyl-D-Aspartate Induced Neurotoxicity in the Rat Hippocampus, Effects of Adenosine and γ-Aminobutyric Acid A Receptor Antagonists on 527
N-Methyl-D-aspartate Receptor Antagonists Are Less Effective in Blocking Long-Term Potentiation at Apical Than Basal Dendrites in Hippocampal CA1 of Awake Rats 617
NYBERG, LARS See Tulving, Endel 71

O

OHAYON, MAURICE See Ghribi, Othman 201
O'KEEFE, JOHN. Do Hippocampal Pyramidal Cells Signal Non-Spatial as Well as Spatial Information? 352
OLIVEIRA-FILHO, FRANCISCO J.B. See Xavier, Gilberto F. 668
ONO, TAKETOSHI AND HISAO NISHIJO. Active Spatial Information Processing in the Septo-Hippocampal System 458
ONO, TAKETOSHI See Zhou, Tian Lu 220

P

Paired-Comparison Task but Not by Delayed Nonmatching-to-Sample Task, Neonatal Aspiration Lesions of the Hippocampal Formation Impair Visual Recognition Memory When Assessed by 609
PANZERI, STEFANO See Robertson, Robert G. 206
Parahippocampal Region: Basic Science and Clinical Implications September 23–26, 1999, Baltimore, MD 340
Parametric fMRI Analysis of Visual Encoding in the Human Medial Temporal Lobe 637
PARK, COLLIN R. See Diamond, David M. 542
PASCALIS, OLIVIER AND JOCELYNE BACHEVALIER. Neonatal Aspiration Lesions of the Hippocampal Formation Impair Visual Recognition Memory When Assessed by Paired-Comparison Task but Not by Delayed Nonmatching-to-Sample Task 609
Path Integration, Comparison of the Timing of Hippocampal and Subicular Spatial Signals: Implications for 158
Pavlovian Negative Occasion Setting, Hippocampal Lesions Interfere With 143
Peptidergic Transmitter System: Dynorphin B-Like Immunoreactivity in the Rat Hippocampal Mossy Fiber Pathway Before and After Seizures, Morphometry of 255
Perirhinal Cortex Does Not Project to the Dentate Gyrus . . . 605
PET Study, Medial Temporal Lobe Activation During Episodic Encoding and Retrieval: A 575
PIERCE, JOSEPH P., OLIVER S. KURUCZ, AND TERESA A. MILNER. Morphometry of Peptidergic Transmitter System: Dynorphin B-Like Immunoreactivity in the Rat Hippocampal Mossy Fiber Pathway Before and After Seizures 255
Place Cells and the Hippocampus, Some Thoughts on 452
Place in the Primate Hippocampus, Spatial View Cells and the Representation of 467
"Place Strategy" Because of a Lack of Flexibility in the Use of Environmental Cues?, Dentate Gyrus-Selective Colchicine Lesion and Disruption of Performance in Spatial Tasks: Difficulties in 668
Placing Hippocampal Single-Unit Studies in a Historical Context 346
Pontine Region of the Urethane-Anesthetized Rat, Distribution and Analysis of Hippocampal Theta-Related Cells in the 288
Positron Emission Tomography Correlations in and Beyond Medial Temporal Lobes 71
Positron Emission Tomography, Differential Modulation of a Common Memory Retrieval Network Revealed By 54 54
POUCET, BRUNO See Cressant, Arnaud 423
POUCET, B. See Muller, R.U. 413
Progress in Spanning the Molecular and Behavioral Mechanisms of Hippocampal Function 100
Projection From the Perirhinal Cortex to Septal Part of Hippocampal CA1 or Dentate Gyrus, Current Source Density Analysis Does Not Reveal a Direct 599
Proteome Map of the Human Hippocampus 644

R

Radial Arm Water Maze, Exposing Rats to a Predator Impairs Spatial Working Memory in the 542
RAGOZZINO, K.E. See Mizumori, S.J.Y. 444
RAMIREZ-AMAYA, VICTOR, MARTHA L. ESCOBAR, VINCENT CHAO, AND FEDERICO BERMÚDEZ-RATTONI. Synaptogenesis of Mossy Fibers Induced by Spatial Water Maze Overtraining 631
Rapid Up-regulation of Vasoactive Intestinal Peptide in the Rat Hippocampus, Locomotor Activity Causes a 534
Rat Dentate Gyrus, Activation of Tyrosine Receptor Kinase Plays a Role in Expression of Long-Term Potentiation in the 519
Rat Fascia Dentata, Cholinergic Innervation of Mossy Cells in the 314
Rat Hippocampal Mossy Fiber Pathway Before and After Seizures, Morphometry of Peptidergic Transmitter System: Dynorphin B-Like Immunoreactivity in the 255
Rat Hippocampal Slices, Age-Dependent Differences in Glutamate-Induced Phosphorylation Systems in 173
Regulation of Adult Hippocampal Neurogenesis: Effects of Long-Term Stimulation and Stimulus Withdrawal, Experience-Dependent 321
REIMAN, ERIC M. See Schacter, Daniel L. 575
Reply 601
Reply to Liu and Bilkey's Reply 603
Retrograde Amnesia in Two Cases of Discrete Bilateral Hippocampal Pathology, Temporally-Specific 247
RIBAK, CHARLES E. See McGinty, Jacqueline F. 99
RICHTER-LEVIN, GAL See Rosenblum, Kobi 491
RICK, JOHN TH. AND NORTON W. MILGRAM. Instability of Dentate Gyrus Field Potentials in Awake and Anesthetized Rats 333
ROBERTSON, ROBERT G., EDMUND T. ROLLS, PIERRE GEORGES-FRANÇOIS, AND STEFANO PANZERI. Head Direction Cells in the Primate Pre-Subiculum 206
ROBLEDO, PATRICIA, GLORIA URSU, AND NICOLE MAHY. Effects of Adenosine and γ-Aminobutyric Acid A Receptor Antagonists on *N*-Methyl-D-Aspartate Induced Neurotoxicity in the Rat Hippocampus 527
Role of the Hippocampal System in Conditional Motor Learning: Mapping Antecedents to Action 101
ROLLS, EDMUND T. Spatial View Cells and the Representation of Place in the Primate Hippocampus 467
ROLLS, EDMUND T. See Robertson, Robert G. 206
ROLLS, EDMUND T. See Schultz, Simon R. 582
ROMBOUTS, SERGE A.R.B., PHILIP SCHELTENS, WILLEM C.M. MACHIELSEN, FREDERIK BARKHOF, FRANK G.C. HOOGENRAAD, DICK J. VELTMAN, JAAP VALK, AND MENNO P. WITTER. Parametric fMRI Analysis of Visual Encoding in the Human Medial Temporal Lobe 637
ROMINE, LORENE See Cohen, Neal J. 83
ROSE, GREGORY M. See Diamond, David M. 542
ROSENBLUM, KOBI, MOUNA MAROUN, AND GAL RICHTER-LEVIN. Frequency-Dependent Inhibition in the Dentate Gyrus Is Attenuated by the NMDA Receptor Blocker MK-801 at Doses That Do Not Yet Affect Long-Term Potentiation 491
ROSENE, DOUGLAS L. See Beason-Held, Lori L. 562
RYAN, JENNIFER See Cohen, Neal J. 83

S

SANTOS, ANDRÉA M.G. See Xavier, Gilberto F. 668
SCARLETT, DARREN See Hanada, Yasuhiro 288
SCHACTER, DANIEL L. AND ANTHONY D. WAGNER. Medial Temporal Lobe Activations in fMRI and PET Studies of Episodic Encoding and Retrieval 7

SCHACTER, DANIEL L., TIM CURRAN, ERIC M. REIMAN, KEWEI CHEN, DANIEL J. BANDY, AND JENNIFER T. FROST. Medial Temporal Lobe Activation During Episodic Encoding and Retrieval: A PET Study . . . 575
Schaffer Collaterals, Analysis of Information Transmission in the . . . 582
SCHELTENS, PHILIP See Rombouts, Serge A.R.B. . . . 637
SCHULTZ, SIMON R. AND EDMUND T. ROLLS. Analysis of Information Transmission in the Schaffer Collaterals . . . 582
SEGAL, MENAHEM See Eilam, Raya . . . 534
Septal Part of Hippocampal CA1 or Dentate Gyrus, Current Source Density Analysis Does Not Reveal a Direct Projection From the Perirhinal Cortex to . . . 599
Septo-Hippocampal System, Active Spatial Information Processing in the . . . 458
SHAPIRO, MATTHEW L. AND HOWARD EICHENBAUM. Hippocampus as a Memory Map: Synaptic Plasticity and Memory Encoding by Hippocampal Neurons . . . 365
SHARP, PATRICIA E. Comparison of the Timing of Hippocampal and Subicular Spatial Signals: Implications for Path Integration . . . 158
SHARP, PATRICIA E. Complimentary Roles for Hippocampal Versus Subicular/Entorhinal Place Cells in Coding Place, Context, and Events . . . 432
SHEN, BIXIA See Leung, L. Stan . . . 617
Some Thoughts on Place Cells and the Hippocampus . . . 452
Spanning the Molecular and Behavioral Mechanisms of Hippocampal Function, Progress in . . . 100
Spatial Context, Hippocampal Representational Organization and . . . 444
Spatial Maps in Hippocampus, Attractor Neural Network Models of . . . 481
Spatial Tasks in Rats, Comparison of Medial and Lateral Septal Neuron Activity During Performance of . . . 220
Spatial View Cells and the Representation of Place in the Primate Hippocampus . . . 467
Spatial Water Maze Overtraining, Synaptogenesis of Mossy Fibers Induced by . . . 631
Spatial Working Memory in the Radial Arm Water Maze, Exposing Rats to a Predator Impairs . . . 542
Special Issue on Place Cells, Introduction to the . . . 341
Specialized Navigational System?, Is the Hippocampus of the Rat Part of a . . . 413
SQUIRE, LARRY R. See Manns, Joseph R. . . . 495
STAAK, SABINE See Angenstein, Frank . . . 173
STEELE, R.J. AND R.G.M. MORRIS. Delay-Dependent Impairment of a Matching-to-Place Task With Chronic and Intrahippocampal Infusion of the NMDA-Antagonist D-AP5 . . . 118
STERN, CHANTAL E. AND MICHAEL E. HASSELMO. Bridging the Gap: Integrating Cellular and Functional Magnetic Resonance Imaging Studies of the Hippocampus . . . 45
Superior Colliculus of the Urethane-Anesthetized Rat, Hippocampal Theta-Related Cellular Activity in the . . . 500
Sustained Entorhinal Activity at Study Correlates With Subsequent Cued-Recall Performance: A Functional Magnetic Resonance Imaging Study With High Acquisition Rate, Level of . . . 35
Synaptic Plasticity and Memory Encoding by Hippocampal Neurons, Hippocampus as a Memory Map . . . 365
Synaptogenesis of Mossy Fibers Induced by Spatial Water Maze Overtraining . . . 631
SZGATTI, TINA L. See Hanada, Yasuhiro . . . 288
SZGATTI, TINA L. See Natsume, Kiyohisa . . . 500

T

TAMURA, RYOI See Zhou, Tian Lu . . . 220
TANILA, HEIKKI. Hippocampal Place Cells Can Develop Distinct Representations of Two Visually Identical Environments . . . 235
TAUBE, JEFFREY S. Some Thoughts on Place Cells and the Hippocampus . . . 452
Temporally-Specific Retrograde Amnesia in Two Cases of Discrete Bilateral Hippocampal Pathology . . . 247
TENÓRIO, FRANK See Hamani, Clement . . . 303
"The Nature of Hippocampal-Cortical Interaction: Theoretical and Experimental Perspectives," Trinity College, Dublin, March 30 and 31, 2000 . . . 490
Theta-Related Cellular Activity in the Superior Colliculus of the Urethane-Anesthetized Rat, Hippocampal . . . 500
Timing of Hippocampal and Subicular Spatial Signals: Implications for Path Integration, Comparison of the . . . 158
TIMOFEEVA, OLGA See McGinty, Jacqueline F. . . . 99
TSODYKS, MISHA. Attractor Neural Network Models of Spatial Maps in Hippocampus . . . 481
TULVING, ENDEL, REZA HABIB, LARS NYBERG, MARTIN LEPAGE, AND ANTHONY R. MCINTOSH. Positron Emission Tomography Correlations in and Beyond Medial Temporal Lobes . . . 71
Two Visually Identical Environments, Hippocampal Place Cells Can Develop Distinct Representations of . . . 235
Tyrosine Receptor Kinase Plays a Role in Expression of Long-Term Potentiation in the Rat Dentate Gyrus, Activation of . . . 519

U

URSU, GLORIA See Robledo, Patricia . . . 527

V

VALK, JAAP See Rombouts, Serge A.R.B. . . . 637
VELTMAN, DICK J. See Rombouts, Serge A.R.B. . . . 637
Visual Recognition Memory When Assessed by Paired-Comparison Task but Not by Delayed Nonmatching-to-Sample Task, Neonatal Aspiration Lesions of the Hippocampal Formation Impair . . . 609

W

WAGNER, ANTHONY D. See Schacter, Daniel L. . . . 7
WHISHAW, IAN Q. AND BRIAN L. BROOKS. Calibrating Space: Exploration Is Important for Allothetic and Idiothetic Navigation . . . 659
WHISHAW, IAN Q. See Maaswinkel, Hans . . . 553
WHITE, AARON M. See Best, Phillip J. . . . 346
WILSON, CHARLES L. See Bragin, Anatol . . . 137
WISE, STEVEN P. AND ELISABETH A. MURRAY. Role of the Hippocampal System in Conditional Motor Learning: Mapping Antecedents to Action . . . 101
WITTER, MENNO P., PIETERKE A. NABER, AND FERNANDO LOPES DA SILVA. Perirhinal Cortex Does Not Project to the Dentate Gyrus . . . 605
WITTER, MENNO P. See Rombouts, Serge A.R.B. . . . 637
WSZALEK, TRACEY See Cohen, Neal J. . . . 83

X

XAVIER, GILBERTO F., FRANCISCO J.B. OLIVEIRA-FILHO, ANDRÉA M.G. SANTOS. Dentate Gyrus-Selective Colchicine Lesion and Disruption of Performance in Spatial Tasks: Difficulties in "Place Strategy" Because of a Lack of Flexibility in the Use of Environmental Cues? . . . 668

Z

ZHAO, ZUO See Fernández, Guillén . . . 35
ZHOU, TIAN LU, RYOI TAMURA, JUNICHI KURIWAKI, AND TAKETOSHI ONO. Comparison of Medial and Lateral Septal Neuron Activity During Performance of Spatial Tasks in Rats . . . 220